

**ACTIVE INGREDIENTS:**

Malathion . . . . . 18.3%  
Toxaphene (Technical Chlorinated Camphene Chlorine Content 67-69%) 54.9%  
Xylene . . . . . 14.1%

**INERT INGREDIENTS:**

. . . . . 12.7%  
**TOTAL 100.0%**

E.P.A. Reg. No. 7001-182AA

E.P.A. Est. No. 7001-CA-1

**WARNING**

**KEEP OUT OF REACH OF CHILDREN**

MAY BE FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN OR EYES, DO NOT BREATHE SPRAY OR MIST

DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING

Wash Thoroughly After Handling—

Avoid Storage Near Food and Feed Products

Do not allow this product to drift onto adjoining food or feed crops as residues may contaminate these crops making them unfit for sale, feed or human consumption. Keep clear of food or dairy animals, or animals being finished for slaughter.

**ENVIRONMENTAL CAUTIONS**

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Avoid spillage while mixing and filling spray equipment. Empty containers should not be washed. They should be crushed or perforated and disposed of in an approved disposal site.

**DIRECTIONS FOR DILUTION**

**DILUTION RATE:**

*Ground Application* . . . . . other than . . . . . Apply specified rate in 200 to 300 gallons of water per acre.

**CONCENTRATE APPLICATION:**

*Ground Application* . . . . . Apply specified rate in not less than 100 gallons of water per acre.  
*Orchard Application* . . . . . Apply equivalent per acre rate in 100 to 150 gallons of water per acre, depending on concentrate equipment necessary for these uses.  
*Air Application* . . . . . Apply specified rate in 5 to 10 gallons of water per acre, depending on equipment per acre rate in not less than 10 gallons of water per acre.

**DIRECTIONS FOR USE**

**Alfalfa (Seed Only):** Aphid, Flea Beetle, Alfalfa Weevil, Armyworm, Cutworm, Webworm, Crane Fly, Cuckoo, Grasshopper, Leafhopper, Beetle, Thrips, Weevil, etc. Apply 1 to 2 quarts per acre, depending on spray. Do not apply more than 1 quart per acre. Do not feed treated forage to dairy animals or animals being finished for slaughter.

**Apples:** Aphid, Mealy Bugs, Mites. Apply 1 to 3 qt. per 100 gallons of water. Do not apply after an orchard over-spray or within 40 days of harvest. **Caution:** May cause injury to McIntosh and Cortland varieties. Do not apply during bloom.

**ON TOXAPHENE 2-6EC**

information may be obtained from your Cooperative Agricultural Extension Service.

Avoid spillage while mixing and filling spray equipment. Empty containers should not be washed. They should be crushed or perforated and disposed of in an approved disposal site.

## DIRECTIONS FOR DILUTION

### DILUTION RATE:

*Ground Application* (other than orchard application) Apply specified rate in 20 to 60 gallons of water per acre

### CONCENTRATE APPLICATION:

*Ground Application* Apply specified rate in not less than 5 gallons of water per acre

*Orchard Application* Apply equivalent per acre rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses

*Air Application* Apply specified rate in 5 to 20 gallons of water per acre. The bare soil equivalent per acre rate in not less than 10 gallons of water per acre

## DIRECTIONS FOR USE

**Alfalfa (Seed Only):** *Alfalfa Caterpillar, Alfalfa Looper, Aphid, Armyworm, Clover Leaf Weevil, Corn Earworm, Climbing Cutworm, Grasshoppers, Lygus Bugs, Thrips, Webworm.* Apply 1 1/2 to 2 1/2 quarts per acre. *Leafhopper, Spider Mite.* Apply 2 1/2 quarts per acre. Do not feed treated forage to dairy animals or animals being finished for slaughter.

**Apples:** *Aphid, Mealy Bugs, Mites.* Apply 1 1/2 to 3 qt. per 100 gallons of water. Do not apply after second cover spray or within 40 days of harvest. *Caution:* May cause injury to McIntosh and Cortland varieties. Do not apply during bloom.

**Apricots:** *Aphid, Coding Moth, Orange Tortrix, Soft Brown Scale, Terrapin Scale.* Apply 2 qts. per 100 gallons of water. Do not use over 400 gallons of solution per acre. Do not apply after second cover spray or within 40 days of harvest.

**Barley, Oats, Rye, Wheat:** *Aphid, Armyworm, Cutworm (climbing and surface feeding), Grasshopper, Greenbug.* Apply 2 1/2 to 4 qt. per acre. Do not apply within 7 days of harvest. Do not feed treated forage to dairy animals or animals being finished for slaughter.

**Beans:** *Bean Leafhopper, Bean Leaf Roller.* Apply 1 1/2 to 3 qts. per acre. *Aphid, Cucumber Beetle, Japanese Beetle, Lygus Bugs, Mexican Bean Beetle, Mites, Armyworm, Bean Leaf Beetle, Blister Beetle, Flea Beetle, Thrips, Cutworm (climbing and surface feeding), Grasshoppers, Serpentine Leaf Miners.* Apply 2 1/2 to 3 qts. per acre. *Bean Leaf Skeletonizer, Bean Lycaenid, Darkling, Ground Beetle, Garden Webworm, Pea Weevil, Salt-marsh Caterpillar.* Apply 3 qts. per acre. Do not apply to green or snap beans after pod begins to form. Do not apply to shelled beans within 1 day of harvest as human food. Do not feed treated vines to dairy animals or animals being finished for slaughter.

**Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries:** *Japanese Beetle, Leafhopper, Mites, Thrips.* Apply 2 1/2 to 3 qts. per acre. Do not apply after fruit begins to form.

**Broccoli, Brussels Sprouts, Cauliflower, Kohlrabi:** *Aphid, Cabbage Looper, Corn Earworm, Cutworm (climbing and surface feeding), Diamond-back Moth, Fall Armyworm, Green Peach Aphid, Serpentine Leaf Miner, Thrips.* Apply 1 1/2 to 4 qts. per acre. Do not apply after edible parts begin to form or within 30 days of harvest.

**Cabbage, Collard, Kale:** *Aphid, Cabbage Looper, Corn Earworm, Cutworm (climbing and surface feeding), Diamond-back Moth, Fall Armyworm, Green Peach Aphid, Serpentine Leaf Miner, Thrips.* Apply 1 1/2 to 2 1/2 qts. per acre. Do not apply after head starts to form on cabbage. Do not apply within 35 days of harvest on collard and kale.

**Carrots:** *Aphid, Leafhoppers, Cutworms (climbing and surface feeding), Grasshoppers.* Apply 2 1/2 to 3 qts. per acre. Do not apply within 7 days of harvest.

**Celery:** *Aphid, Spider Mites, Cutworm (climbing and surface feeding), Fall Armyworm, Serpentine Leaf Miner, Thrips.* Apply 2 1/2 to 3 qts. per acre. Do not apply after plants start to bunch or after plants are half mature.

**Citrus (Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangelos, Tangerines):** *Aphid, Thrips, Mediterranean Fruit Fly, Cutworm (climbing and surface feeding).* Apply 1 1/2 to 3 qt. per 100 gallons of water. Do not use over 500 gallons of solution per acre. Do not apply during bloom. Do not apply within 30 days of harvest. Do not feed treated forage to dairy animals or animals being finished for slaughter.

**Corn:** *Aphid, Armyworm, Cutworm, Fall Armyworm, Flea Beetle, Leafhopper, Antworm, Cereal Leaf Beetle, Thrips, Grasshoppers.* Apply 2 1/2 to 3 qts. per acre. Do not apply within 7 days of harvest. Do not feed treated forage to dairy animals or animals being finished for slaughter.

**Cotton:** *Armyworm, Boll Weevil, Bollworm, Cotton Leafworm, Cutworm (climbing and surface feeding), Flea Beetle, Leafhopper, Lygus Bug, Farnished Plant Bug, Thrips.* Apply 1 1/2 to 4 qts. per acre. *Aphid, Flea Beetle, Greenbug, Mite, White Fly, Grasshopper.* Apply 3 1/2 to 4 qts. per acre. Do not graze dairy animals or animals being finished for slaughter on feeds treated at any time of season. Rates over 2 1/2 qts. per acre do not apply after buds open.

**Cranberries:** *Black-headed Fireworm, European Starling, Ground Squirrel, Spotted Nymph.* Apply 2 1/2 to 3 qts. per acre. Do not apply after fruit begins to form.

**Cucumbers:** *Aphid, Flea Beetle.* Apply 2 qts. per acre. *Crucian, Mite, Leafminer, Leafhopper, plant growth.* Do not apply unless plants are dry. Do not apply after edible parts start to form.

**Eggplants:** *Aphid, Spider Mite, Armyworm, Blister Beetle, Cucumber Beetle, Cutworm (climbing and surface feeding), Serpentine Leaf Miner.* Apply 1 1/2 to 4 qts. per acre. Do not apply within 1 day of harvest. When used at rates up to 2 qts. per acre. Rates over 2 qts. per acre do not apply after edible part starts to form.

**Horseradish:** *Aphid, Grasshopper, Striped Leafhopper.* Apply 2 1/2 to 3 qts. per acre. Do not apply after plants are started. Do not apply within 7 days of harvest.

**Lettuce:** *Armyworm, European Beetle, Flea Beetle, Cutworm (climbing and surface feeding), Leafhopper.* Apply 1 1/2 to 3 qts. per acre. *Aphid, Leafhoppers.* Apply 3 qts. per acre. *Cabbage Looper, Flea Beetle, Salt-marsh Caterpillar.* Apply 2 1/2 to 3 qts. per acre. Do not apply after seedling stage on head lettuce. Do not apply after heads begin to form on head lettuce.

**Onions:** *Thrips.* Apply 2 1/2 to 3 qts. per acre. Do not apply after greening begins.

**Parsnips:** *Aphid, Grasshopper, Striped Leaf Beetle.* Apply 1 1/2 to 3 qts. per acre. Do not apply after plants are started for maturity within 7 days of harvest.

**Peaches, Nectarines:** *Aphid, Japanese Beetle.* Apply 1 1/2 to 3 qt. per 100 gallons of water. *Crucian, Leaf Miner.* Apply 2 1/2 to 3 qt. per 100 gallons of water. Do not apply after 40 days of harvest or after second cover spray.

**Peanuts:** *White grub, Thrips.* Apply 2 qts. per acre. Do not feed treated forage to dairy animals or animals being finished for slaughter.

**Pears:** *Aphid, Mealy Bug.* Apply 1 1/2 to 3 qts. per 100 gallons of water. Do not apply within 30 days of harvest or after second cover spray.

**Peas:** *Aphid, Pea Weevil, Leafhopper, Leafroller, Lygus Bugs, Cutworm (climbing and surface feeding), Darkling Ground Beetle.* Apply 2 1/2 to 3 qts. per acre. Do not apply after pod begins to form if pods are to be used for food or other purposes. Do not feed treated forage to dairy animals or animals being finished for slaughter.

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**within 7 days of harvest**

**Celery:** *Aphid Spider Mites Cutworm (climbing and surface feeding) Fall Armyworm Serpentine Leaf Miner Thrips* Apply 2-3 qts per acre Do not apply after plants start to bunch or after plants are half mature

**Citrus (Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangelos, Tangerines):** *Aphid Thrips Mediterranean Fruit Fly Cutworm (climbing and surface feeding)* Apply 1-3 qt per 100 gallons of water Do not use over 500 gallons of solution per acre Do not apply during bloom Do not apply within 30 days of harvest Do not feed treated forage to dairy animals or animals being finished for slaughter

**Corn:** *Aphid Armyworm (not in whorl) Fall Armyworm Flea Beetle Grasshopper Wet worm Cereal Leaf Beetle Thrips Grasshoppers* Apply 2-2 qts per acre Do not apply within 5 days of harvest Do not feed treated forage to dairy animals or animals being finished for slaughter

**Cotton:** *Armyworm Boll Weevil Bollworm Cotton Leafworm Cutworm (climbing) Flea Beetle Flea Hopper Lygus Bug Tarnished Plant Bug Thrips* Apply 1-4 qts per acre *Aphid Cotton Leaf Perforator Mites Whiteflies Grasshoppers* Apply 3-4 qts per acre Do not graze dairy animals or animals being finished for slaughter in fields treated later in the season Rates over 2 qts per acre do not apply after bolls open

**Cranberries:** *Black-headed Fireworm Crane fly Fruit worm Leafhopper Spittlebug Nymph* Apply 2-3 qts per acre Do not apply after fruit begins to form

**Cucumbers:** *Aphid Pickleworm* Apply 2 qts per acre Caution May be injurious to plant growth Do not apply unless plants are dry Do not apply after edible parts start to form

**Eggplants:** *Aphid Spider Mite Armyworm Blister Beetle Colorado Potato Beetle Cutworm (climbing and surface feeding) Serpentine Leaf Miner* Apply 1-4 qts per acre Do not apply within 5 days of harvest when using rates up to 2 qts per acre Rates over 2 qts per acre do not apply after edible part starts to form

**Horseradish:** *Aphid Grasshopper Striped Flea Hopper* Apply 2 qts per acre Do not use treated tops as food or feed Do not apply within 7 days of harvest

**Lettuce:** *Armyworm Cucumber Beetle Flea Beetle Cutworm (climbing) Grasshoppers* Apply 1-3 qts per acre *Aphid Leafhoppers* Apply 3 qts per acre *Cabbage Looper Field Crickets Salt marsh Caterpillar* Apply 2-3 qts per acre Do not apply after seedling stage on leaf lettuce Do not apply after heads begin to form on head lettuce

**Onions:** *Thrips* Apply 2-3 qts per acre Do not apply to green or spring onions

**Parsnips:** *Aphid Grasshoppers Striped Flea Beetle* Apply 2-3 qts per acre Do not use tops for food or feed Do not apply within 7 days of harvest

**Peaches, Nectarines:** *Aphid Japanese Beetle* Apply 1-3 qt per 100 gallons of water *Oriental Fruit Moth* Apply 2 qts per 100 gallons of water Do not apply within 40 days of harvest or after second cover spray

**Peanuts:** *Leafhoppers Thrips* Apply 2 qts per acre Do not feed treated forage to dairy animals or animals being finished for slaughter

**Pears:** *Aphid Mealybug* Apply 1-3 qts per 100 gallons of water Do not apply within 40 days of harvest or after second cover spray

**Peas:** *Aphid Pea Weevil Leafhopper Leafhopper Lygus Bugs Cutworm (climbing) Drying Ground Beetle* Apply 2-3 qts per acre Do not apply after pod begins to form if pods are to be used as food or within 7 days of harvest if pods are not to be used as food Do not feed vines to dairy animals or animals being fattened for slaughter

**Pecans:** *Aphid Mites* Apply 1-3 qts per 100 gallons of water Do not use over 500 gallons of solution per acre

**Peppers:** *Aphid Armyworm Blister Beetle Colorado Potato Beetle Cutworm (climbing and surface feeding) Serpentine Leaf Miner* Apply 1-3 qts per acre Rates of 1-2 qts do not apply within 5 days of harvest Rates over 2 qts to 3 qts do not apply after peppers begin to form

**Pineapples:** *Pineapple Gummosis Blattella (leaf miner) Lepidoptera* Apply 1 qts per acre Apply when first whorl of flowers is open and repeat 7-10 days later Do not feed waste from treated pineapples to dairy or meat animals

**Quince:** *Eastern Tent Caterpillar Grasshopper Red-banded Leafhopper* Apply 4-5 qts per acre Do not apply within 40 days of harvest or after second cover spray

**Radishes:** *Aphid* Apply 2-3 qts per acre Do not apply within 7 days of harvest

**Rice:** *Armyworm Chinch Bug Cutworm (climbing) Rice Hopper Grasshopper Rice Stem Bug* Apply 1-2 qts per acre Do not feed forage to dairy animals or animals being finished for slaughter Do not apply within 7 days of harvest on the use of grain

**Rutabagas:** *Aphid* Apply 2-4 qts per acre Do not apply within 5 days of harvest Do not use treated tops for food or feed

**Shallots:** *Aphid* Apply 2 qts per acre Do not apply after seedling stage

**Sorghum:** *Aphids green bugs* Apply 1-2 qts per acre Do not apply within 4-5 days of harvest Do not apply more than once after heads start to form Do not graze dairy animals or animals being finished for slaughter or treated feeds Do not ensile treated forage

**Soybeans:** *Armyworm Bean Leaf Beetle Can Enemy Green Stink Bug Beetle Leafhopper Green Cloverworm Velvetbean Caterpillar* Apply 1-2 qts per acre Do not apply within 21 days of harvest Do not feed treated plants or ensilage made from treated plants to dairy animals or animals being finished for slaughter Do not feed soybean mill trash to livestock or poultry

**Spinach:** *Armyworm Cutworm (climbing and surface feeding) Green Pea Aphid Serpentine Leaf Miner Thrips* Apply 1-2 qts per acre *Aphid* Apply 2 qts per acre Do not apply after seedling stage

**Strawberries:** *Aphid Flea Crickets Lygus Bugs (not leafhopper) Spider Mite (not on strawberries) Leafhopper Thrips White Flies Cutworm (climbing) Strawberry Weevil Strawberry Weevil* Apply 2 qts per acre Do not apply after fruit begins to form

**Tomatoes:** *Aphid Spider Mite Armyworm Blister Beetle Cutworm (climbing and surface feeding) Flea Beetle Grasshopper Green Stink Bug (not on tomatoes) Aphid (not on tomatoes) Red-footed Mite Serpentine Leaf Miner Tomato Fruitworm Tomato Worm* Apply 2-3 qts per acre Do not apply within 5 days of harvest

**OCCIDENTAL CHEMICAL COMPANY**  
P.O. Box 198 Lathrop, California 95330

CONTRACT SALE: Seller warrants that this product conforms to the ingredients specified and is a quality product as indicated on the label. No other warranties are made by seller. Seller's liability is limited to the amount of the purchase price of the product. Buyer assumes the responsibility of determining the proper use of the product and of storing it in a safe place. Seller's liability is limited to the amount of the purchase price of the product.